

CONSTRUCTION

BASIC CONSTRUCTION SKILLS CERTIFICATE

Program Code: E.CBS.CER

Certificate

Graduation requirement — 18–19 semester hours

The Basic Construction Skills certificate equips students with beginning hands-on skills needed for entry-level jobs in the construction trades.

Program Note

Students in this program whose reading placement level is CCS 098 are eligible to take ALS 199 Support for Workforce Training in place of CCS 098. For more information, contact the Center for Academic Success at 217/353-2005.

Suggested Full-time Sequence

FALL	SPRING
1st Semester	2nd Semester
CIT 118	CIT 114
CIT 130	CIT 135
Elective	ELT 131

Required Program Courses (15 hours) Cr. Hrs.

CIT 114	Plumbing	3
CIT 118	Introduction to Construction	3
CIT 130	Construction Plan Fundamentals	3
CIT 135	Residential Building Systems	3
ELT 131	Residential Wiring	3

Electives (3–4 hours)

Choose one course from the following:

CAD 124	Introduction to AutoCAD (Computer-Aided Drafting)	3
HVC 113	Residential HVAC Installation	3
MAT 110	Business Mathematics	3
WLD 111	Introduction to Welding	4

Total Semester Credit Hours 18–19

BUILDING CONSTRUCTION AND REPAIR CERTIFICATE

Program Code: E.BCR.CER

Certificate

Graduation requirement — 30–31 semester hours

The Building Construction and Repair certificate equips students with basic hands-on construction skills and broader technical knowledge for opportunities in residential construction and building renovation.

Suggested Full-time Sequence

FALL	SPRING
1st Semester	2nd Semester
CIT 118	CIT 111
CIT 130	CIT 114
ELT 131	CIT 135
Elective	Elective
Elective	Elective

Required Program Courses (18 hours) Cr. Hrs.

CIT 111	Construction Materials	3
CIT 114	Plumbing	3
CIT 118	Introduction to Construction	3
CIT 130	Construction Plan Fundamentals	3
CIT 135	Residential Building Systems	3
ELT 131	Residential Wiring	3

Electives (12–13 hours)

Choose at least four courses from the following:

BUS 101	Introduction to Business	3
BUS 117	Introduction to Entrepreneurship	3
CAD 124	Introduction to AutoCAD	3
HVC 113	Residential HVAC Installation	3
MGT 101	Principles of Management	3
MAT 110	Business Mathematics	3
SRV 113	Basic Surveying	3
WLD 111	Introduction to Welding	4

Total Semester Credit Hours 30–31